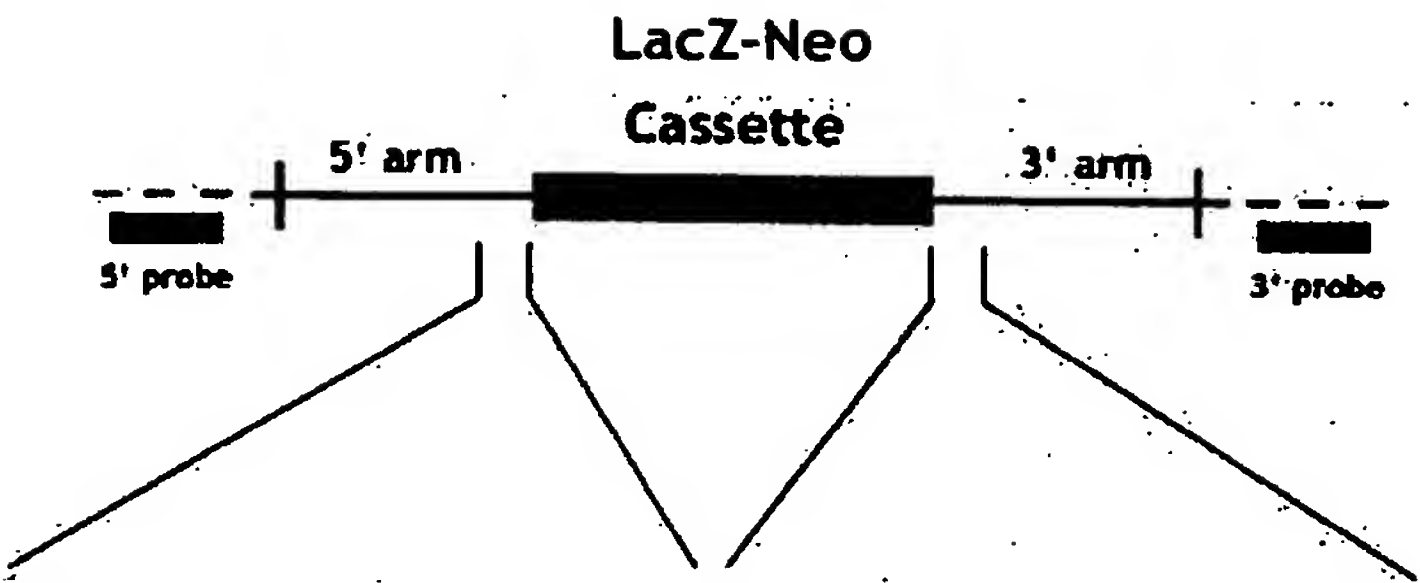


Figure 1

Targeting Vector*
(genomic sequence)



———— Targeting Vector
- - - - - Endogenous Locus
* Not drawn to scale

5' >TTGAGGGAGAACCTCTCACTG GCCTGGGTGACCAGCGAGTACATG AGTTCTAGGGACTGAACTTGGGTC ATCACTCTTAGGTAGGAAGCACAT TACTCCCTGAGCCAACTCTCCAGC TCAACTTCTGTGTTTTGCAGGTGG TTTTTCAGCAAGTACTGCAACTCCA GTGACATCATGGACCTGTTCTGTA TCGCCACCGGC<3' (SEQ ID NO:1)	5' >CAGACGACGCCATGGTCTCCA TCGATCCCACCATGCCTGCGAATT CAGAGCGGTAAGCGACTCCTCCTG GGGTGTCTCACTTGTCTATGATGT GTGCCAGGGAGTCTGCAATTTGGC TTTGTTTACTACTGCTAAGACGTG TGAAGTTTCAGCAGAAGAGGGAAG GAGGCAGATGGGAGGCAGGCGGAG GCTTGGTTCAC<3' (SEQ ID NO:2)
--	---

Figure 2

[illegible]

Figure 3

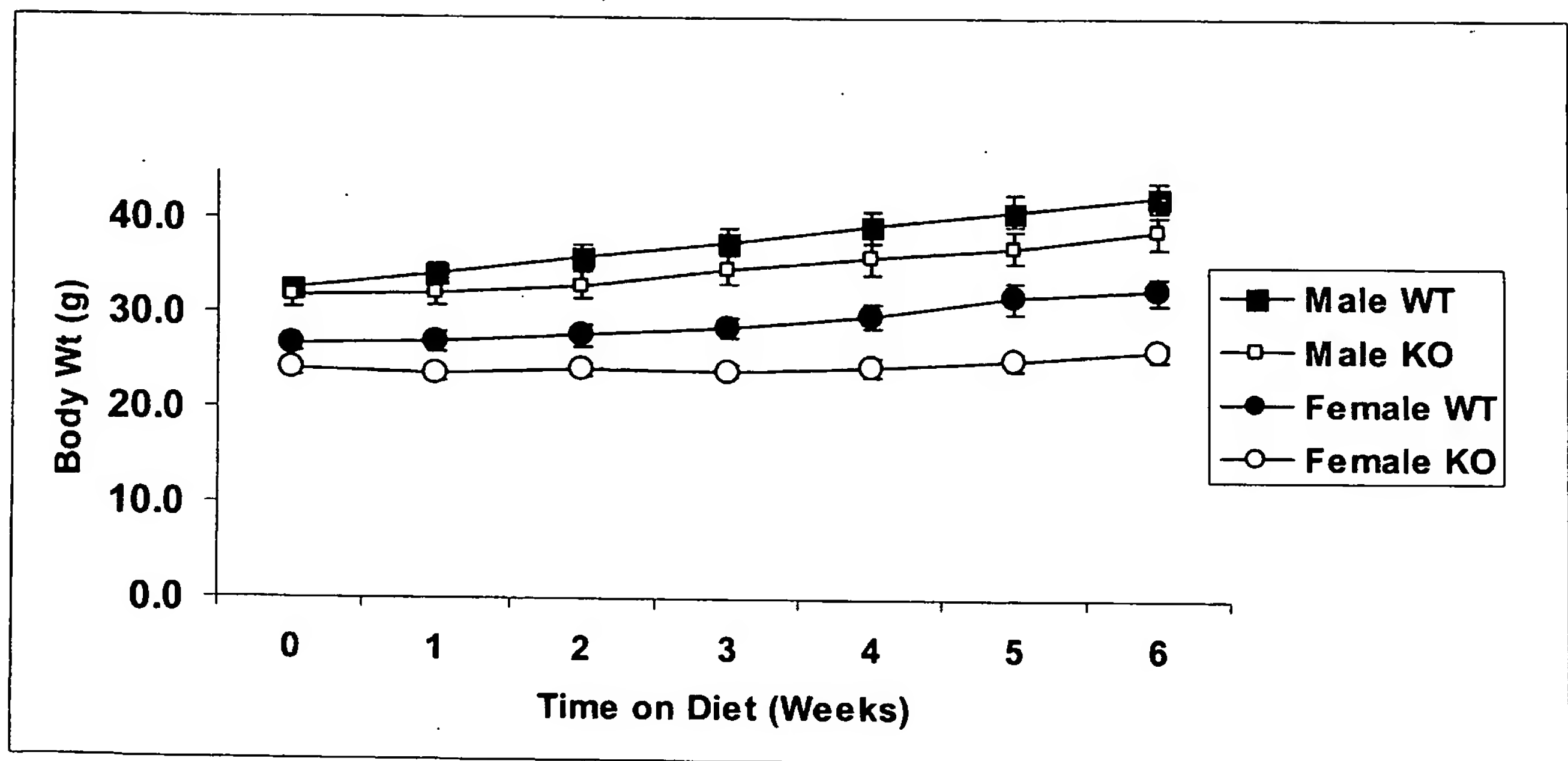


Figure 4

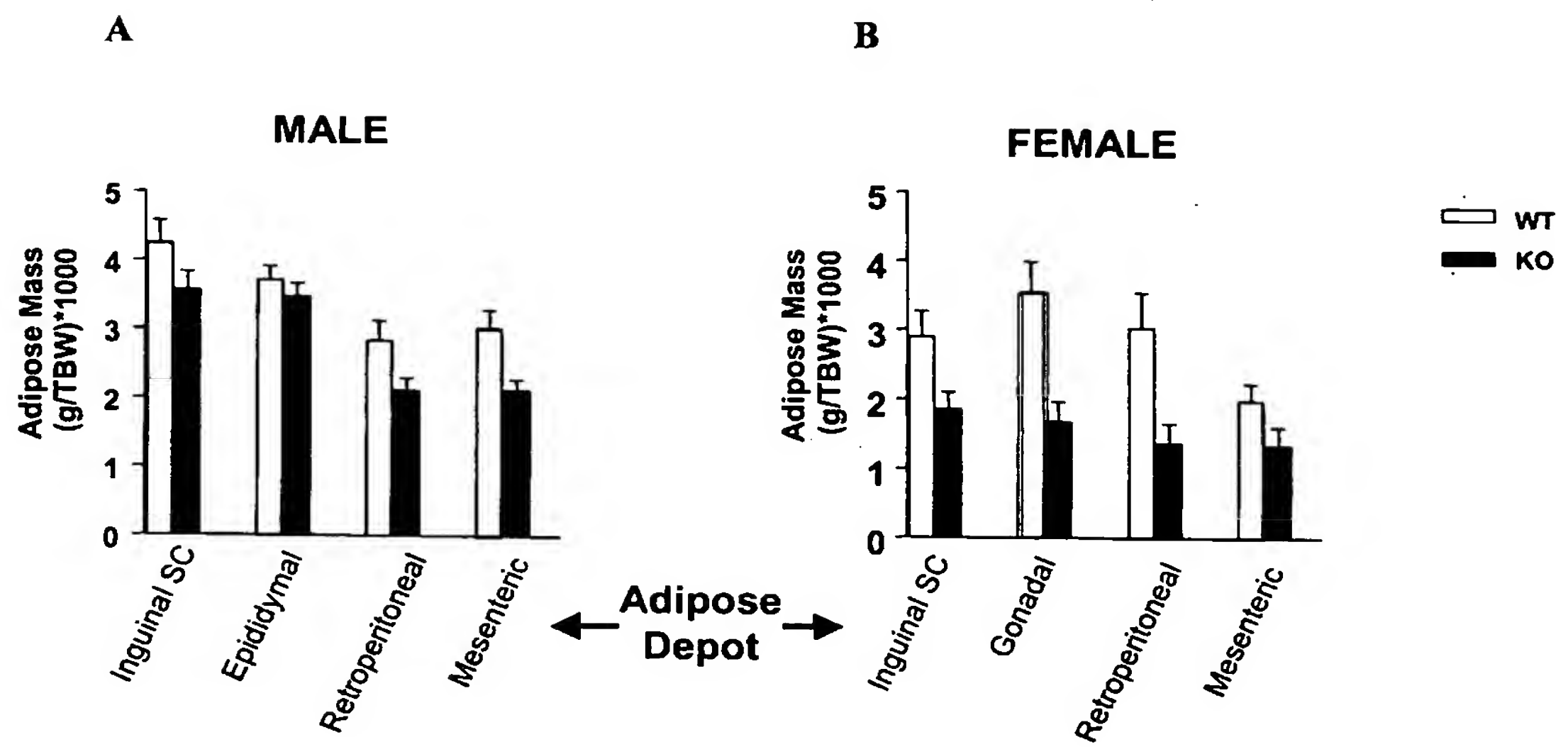


Figure 5

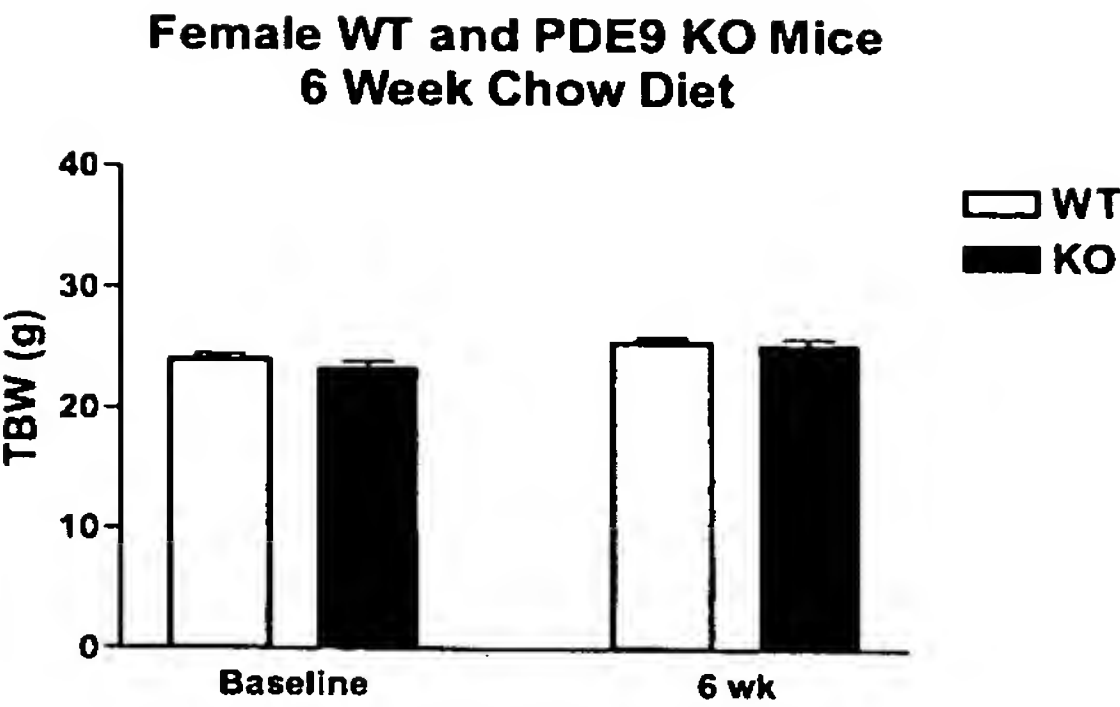
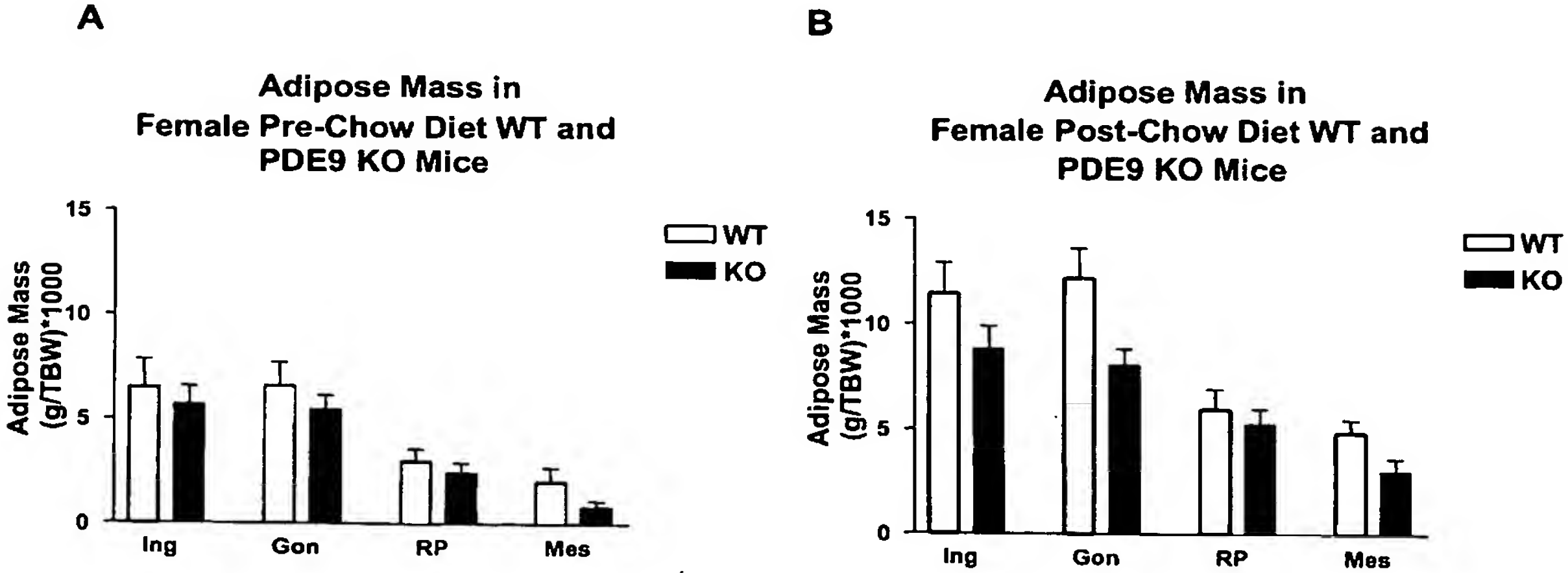


Figure 6

Effect of PDE9 KO on Female Adipose Depot Mass
Prior to and After a 6 Week Chow Diet



(Ing: Inguinal Subcutaneous, Gon: Gonadal, RP: Retroperitoneal and Mes: Mesenteric)

Figure 7
Body Weight Gain in Female ob/ob Mice with
Compound A In-Feed

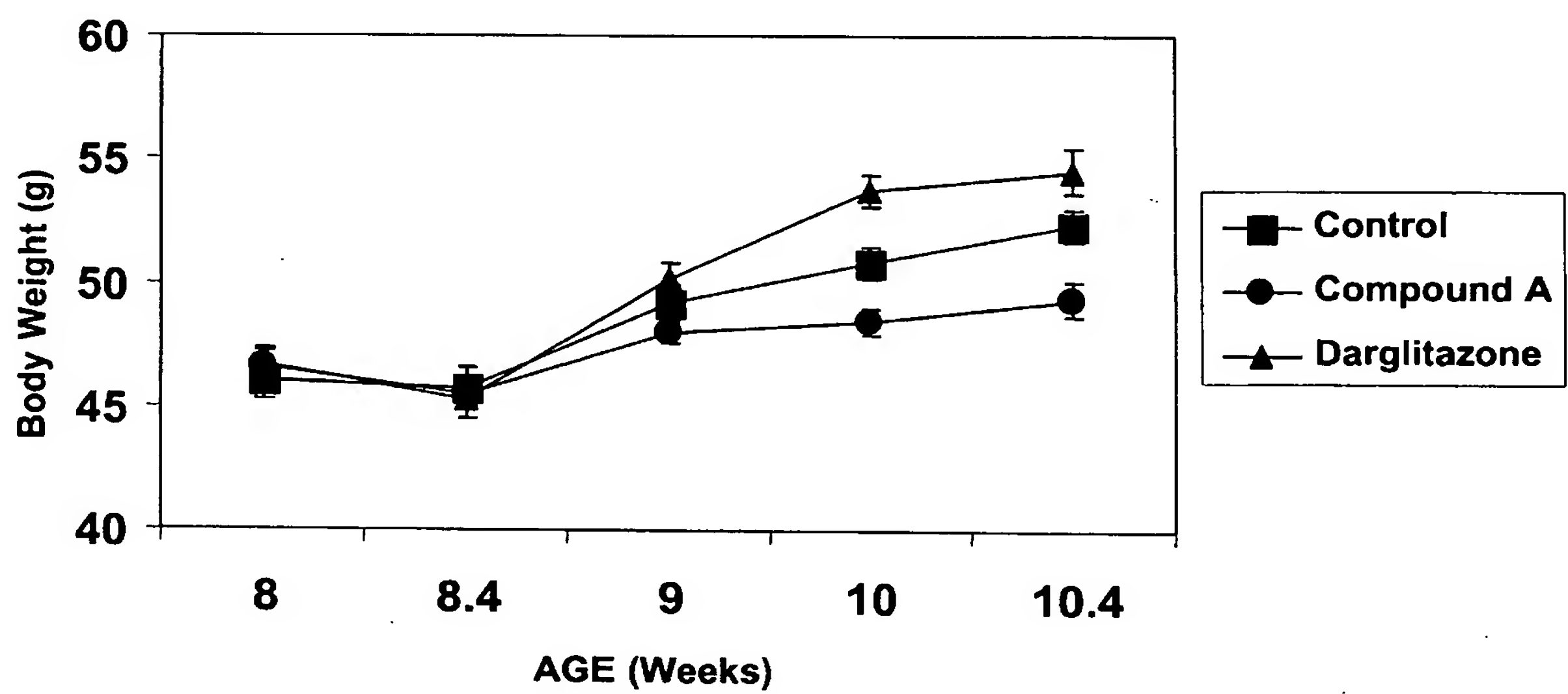
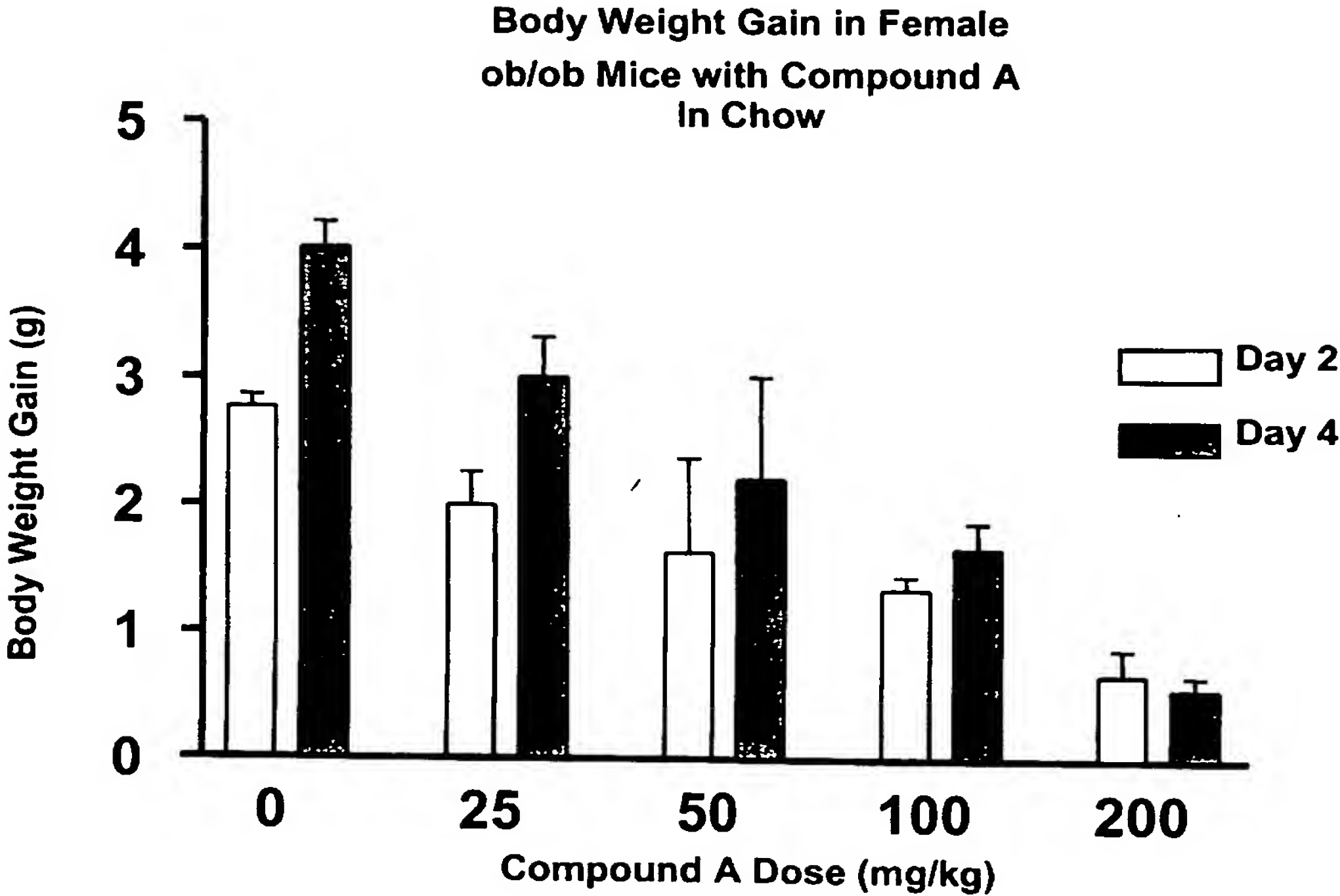


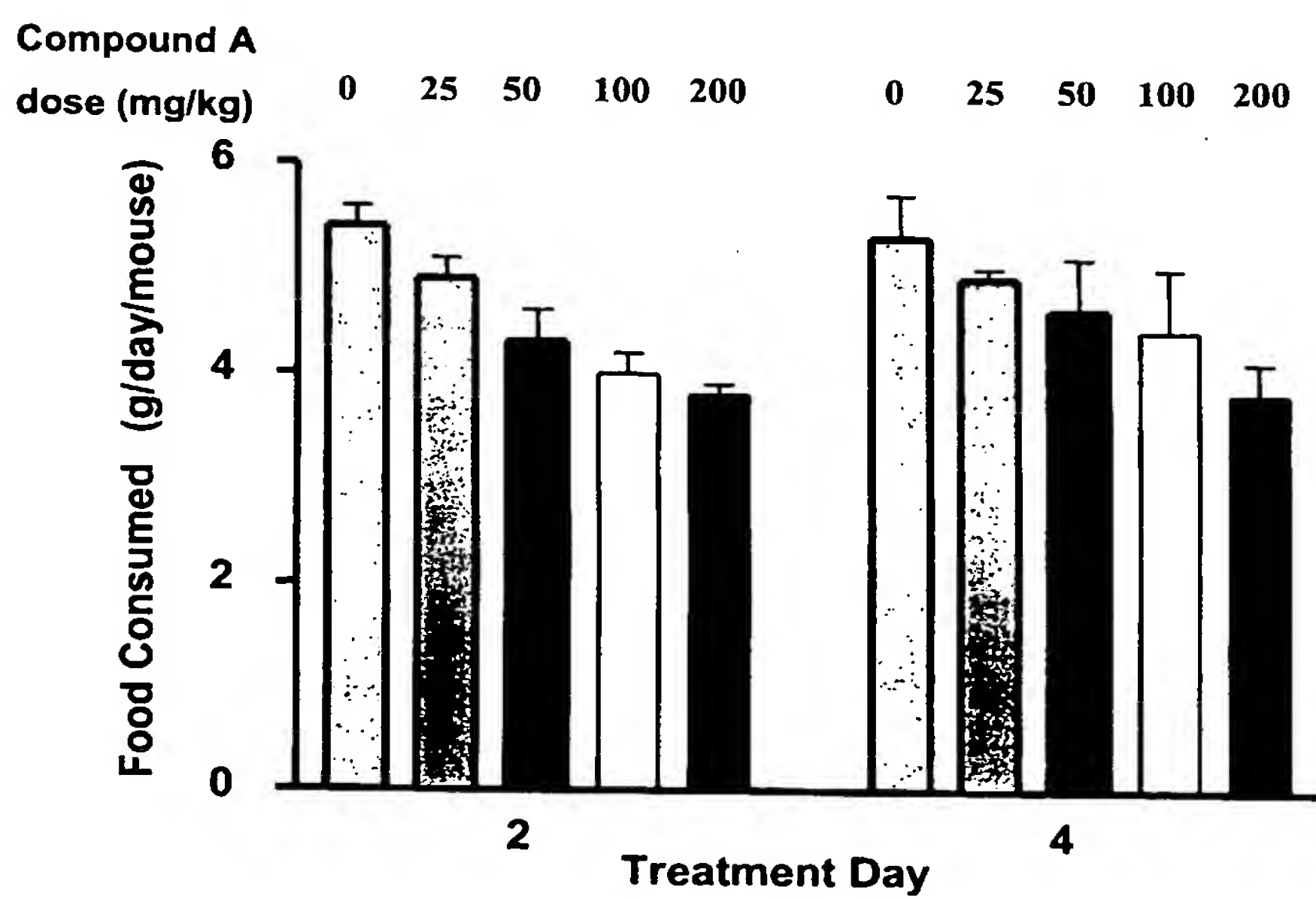
Figure 8A



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Figure 8B

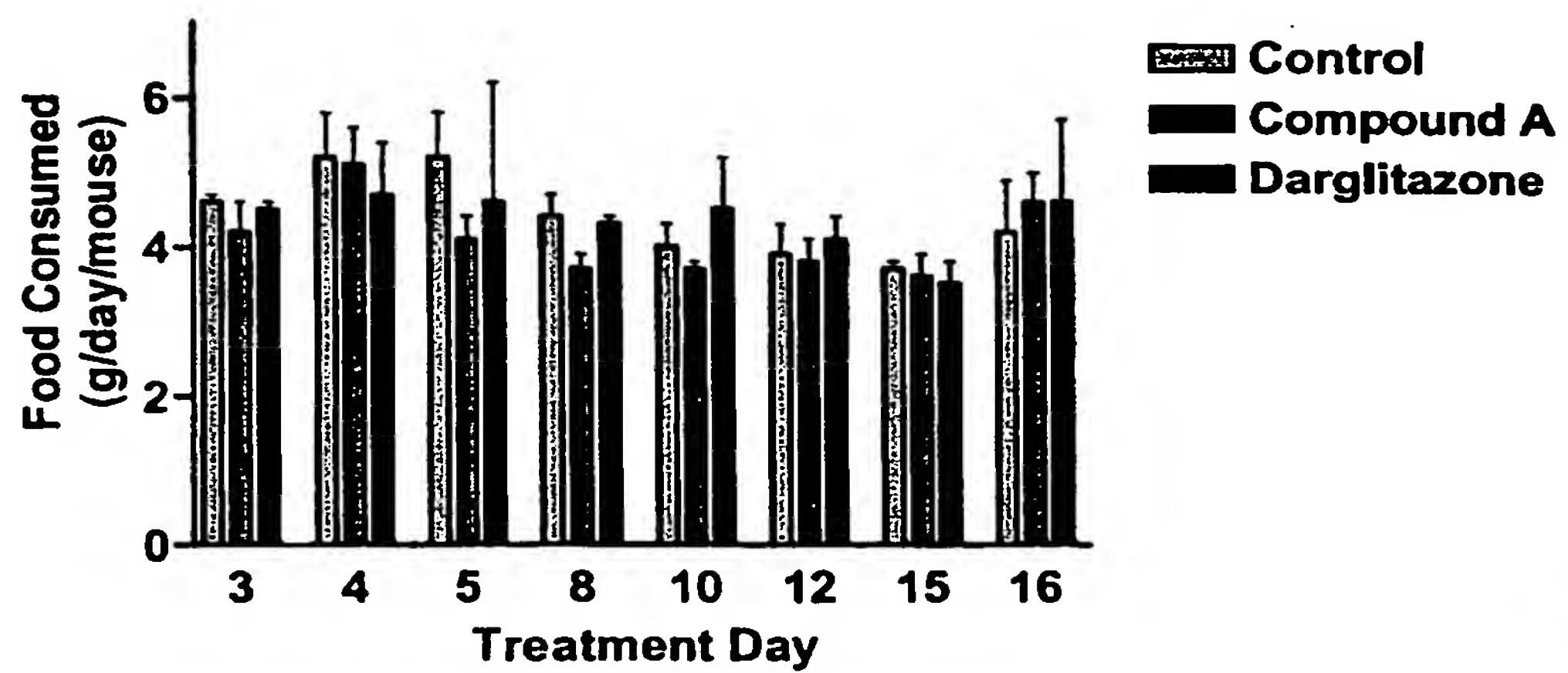
**Food Consumption in Female
ob/ob Mice with Drug In-Feed**



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Figure 9

**Food Consumption in Female
ob/ob Mice with Drug In-Feed**



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Figure 10

**Plasma Glucose in Female
ob/ob Mice with Drug In-Feed**

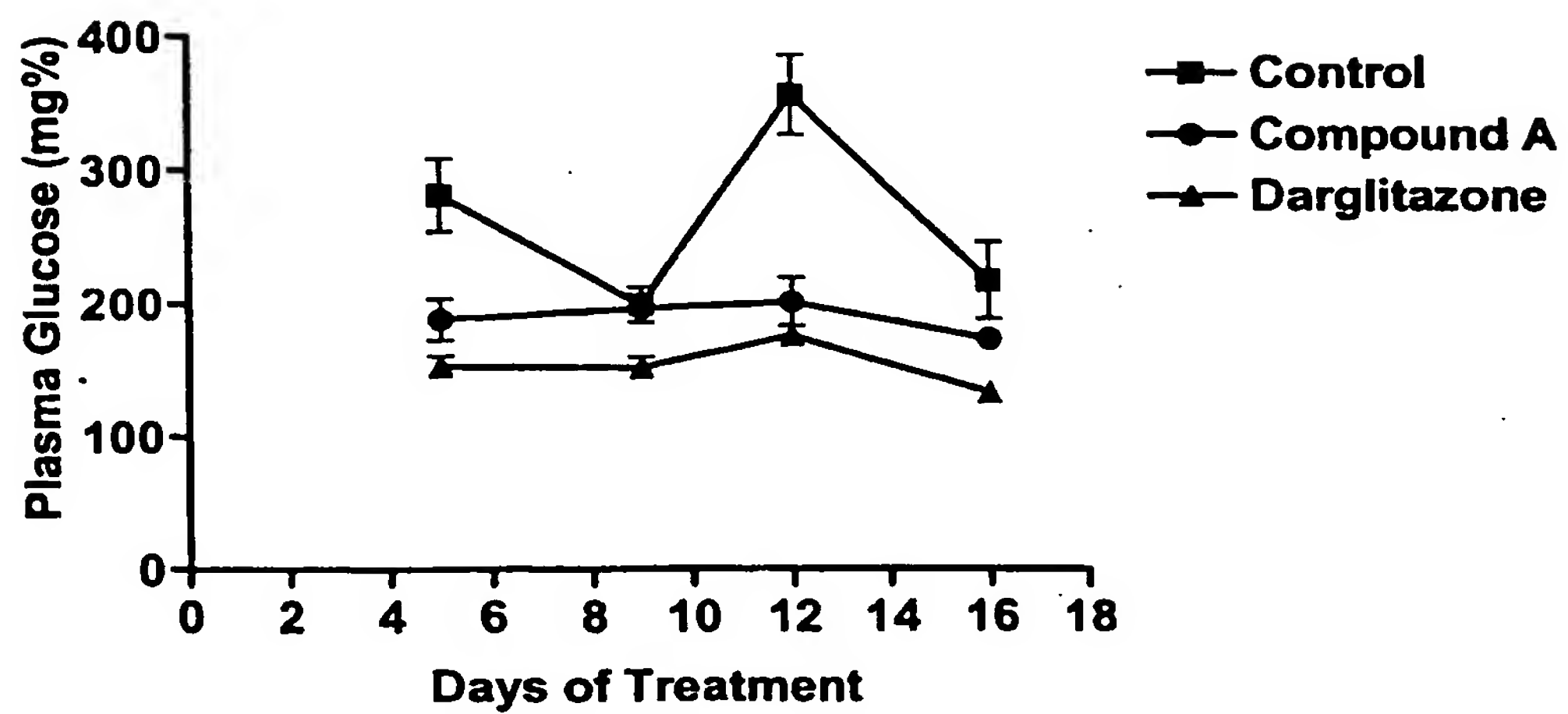


Figure 11

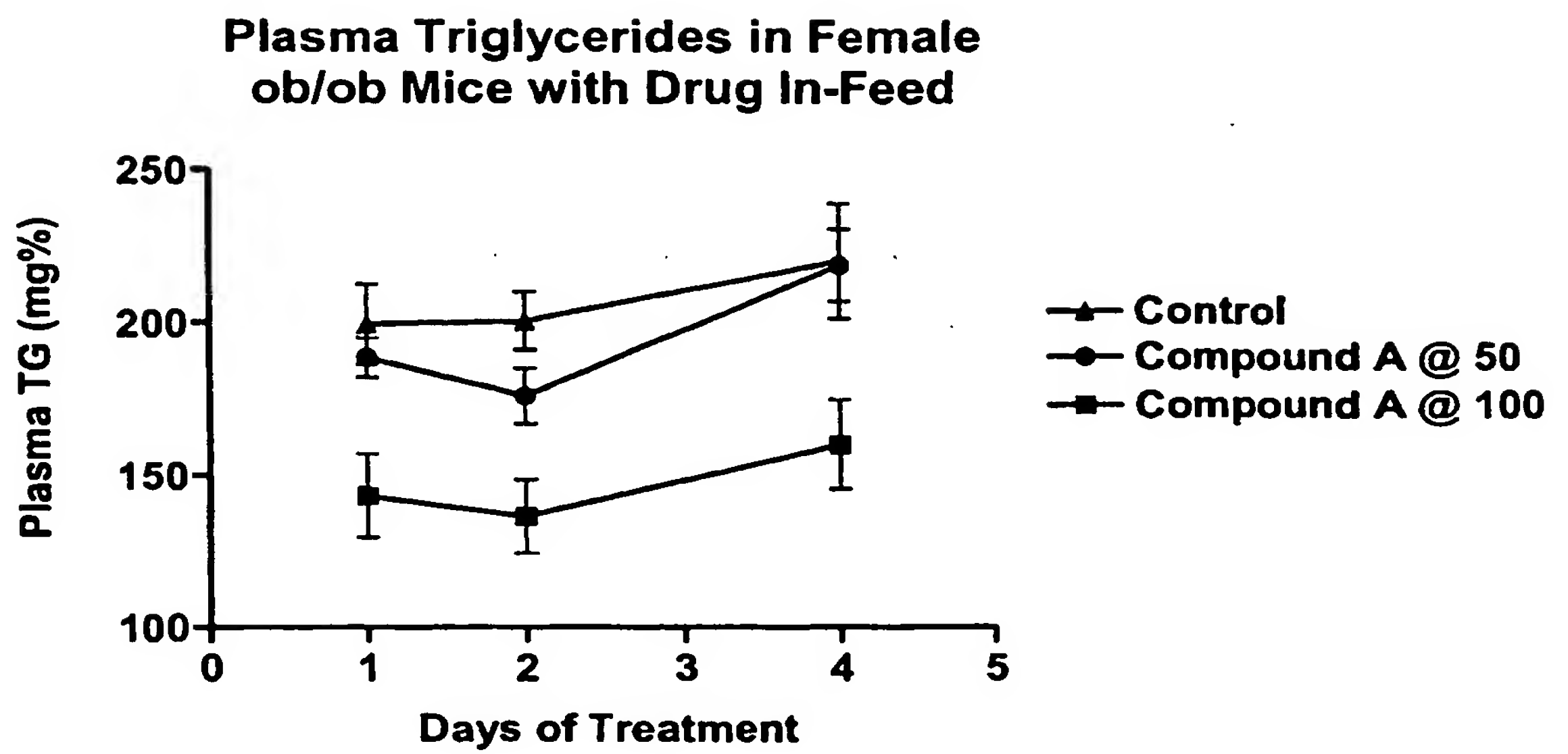
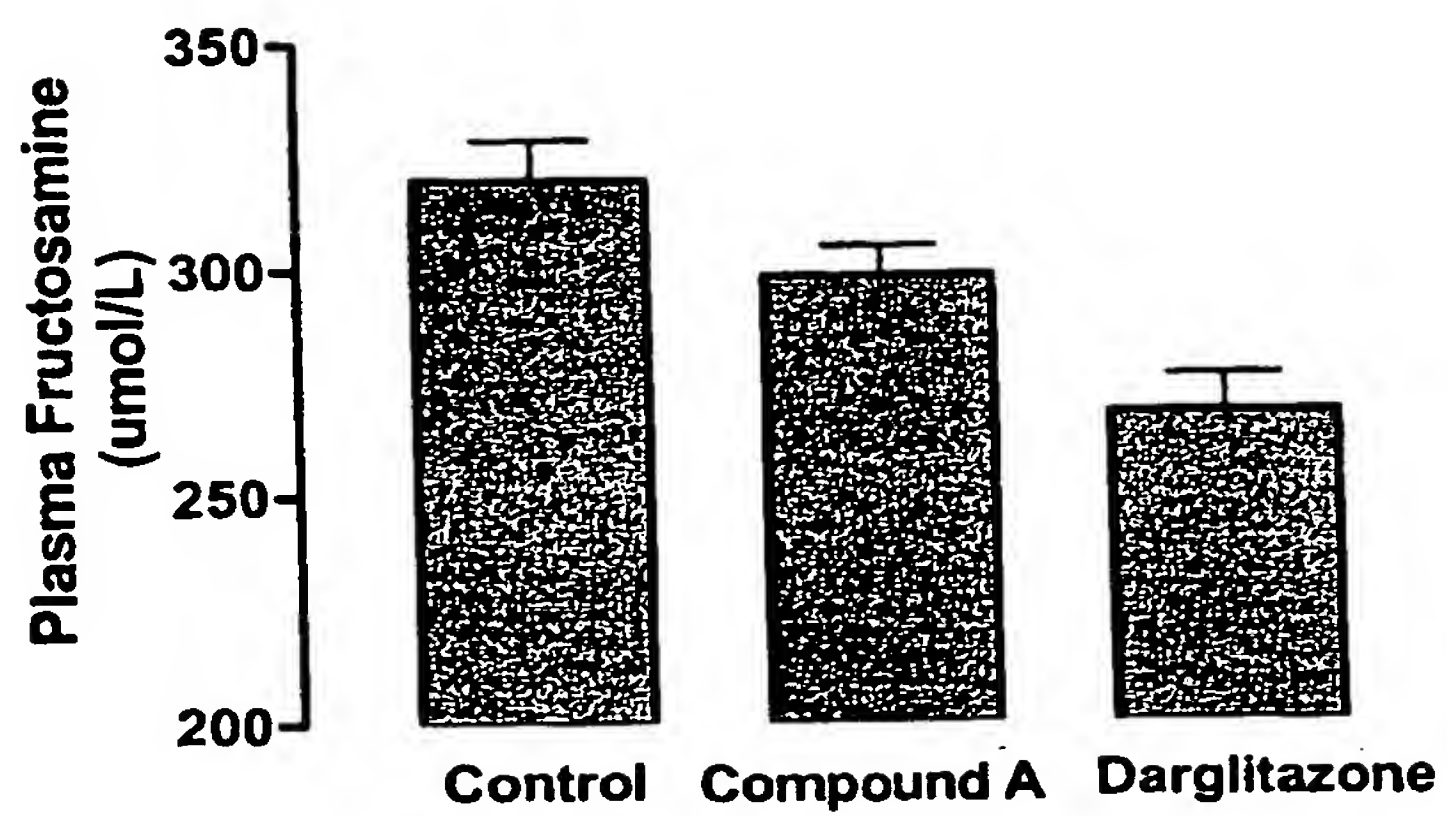


Figure 12

**Plasma Fructosamine in
Female ob/ob Mice with Drug
In-Feed: Day 16**



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